Application No.: 09/851,871 Docket No.: 30566/30020 (ISPH-0543)

LISTING OF THE CLAIMS

1. (Original) A method for treating an inflammatory skin disorder in an individual in need thereof, comprising topically applying an antisense compound 8 to 30 nucleobases in length targeted to a nucleic acid molecule encoding a human B7 protein to said individual.

- 2. (Original) The method of claim 1, wherein said antisense compound is an antisense oligonucleotide.
- 3. (Original) The method of claim 2, wherein at least one covalent linkage of said antisense compound is a modified covalent linkage.
- 4. (Original) The method of claim 2, wherein at least one nucleotide of said antisense compound has a modified sugar moiety.
- 5. (Original) The method of claim 2, wherein at least one nucleotide of said antisense compound has a modified nucleobase.
- 6. (Original) The method of claim 1, wherein said inflammatory skin disorder is psoriasis.
- 7. (Original) The method of claim 1, wherein said inflammatory skin disorder is contact dermatitis, atopic dermatitis, seborrheic dermatitis, nummular dermatitis, generalized exfoliative dermatitis or eczema.
- 8. (Original) The method of claim 1, wherein said human B7 protein is human B7-1 protein.
- 9. (Original) The method of claim 1, wherein said human B7 protein is human B7-2 protein.
- 10. (Original) The method of claim 1, wherein antisense compounds targeted to both human B7-1 and human B7-2 proteins are topically applied to said individual.
- 11. (Original) The method of claim 2, wherein said antisense compound is in a formulation selected from the group consisting of a transdermal patch, ointment, lotion, cream, gel, drop, suppository, spray, liquid and powder.

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12. (Original) The method of claim 2 wherein said antisense compound comprises at least one lipophilic moiety which enhances the cellular uptake of said antisense compound.

- 13. (Original) A pharmaceutical composition comprising:
- (a) an anti-inflammatory or immunosuppressive agent selected from the group consisting of a soluble ICAM protein, prednisone, methylprednisolone, azathioprine, cyclophosphamide, cyclosporine, an interferon, a sympathomimetic, a histamine H₁ receptor antagonist, a histamine H₂ receptor antagonist, and an oligonucleotide which modulates the expression of an ICAM protein;
- (b) an antisense compound 8 to 30 nucleobases in length targeted to a nucleic acid sequence encoding a human B7-1 protein, wherein said antisense compound inhibits the expression of said human B7-1 protein;
- (c) an antisense compound 8 to 30 nucleobases in length targeted to a nucleic acid molecule encoding a human B7-2 protein, wherein said antisense compound inhibits the expression of said human B7-2 protein; and
 - (d) a pharmaceutically acceptable carrier.
- 14. (Original) A method for treating an inflammatory skin disorder in an individual in need thereof, comprising topically applying the pharmaceutical composition of claim 13 to said individual.

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